

Please type a plus sign (+) inside this box ☐

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE +

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	
				Filing Date	
				First Named Inventor	Khosro Shamsaifar
				Group Art Unit	
				Examiner Name	Justin P. Bettendorf Primary Examiner Art Unit 2817
Sheet	1	of	3	Attorney Docket Number	PARA 49784

J1046 U.S. PTO
10/05/144

01/17/02

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
JP		4,418,324		Higgins	11-29-1983	
		4,551,696		Moutrie et al.	11-05-1985	
		4,963,843		Peckham	10-16-1990	
		5,138,288		Blackburn	08-11-1992	
		5,227,748		Sroka	07-13-1993	
		5,373,271		Hirai et al.	12-13-1994	
		5,392,011		Li	02-21-1995	
		5,416,454		McVeety	05-16-1995	
		5,427,988		Sengupta et al.	06-27-1995	
		5,543,764		Turunen et al.	08-06-1996	
		5,635,433		Sengupta	06-03-1997	
		5,635,434		Sengupta	06-03-1997	
		5,648,747		Grothe et al.	07-15-1997	

FOREIGN PATENT DOCUMENTS								
Examiner Initials ⁵	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner Signature	<i>J. Bettendorf</i>	Date Considered	3-7-03
--------------------	----------------------	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

+ Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box



Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	
				Filing Date	
				First Named Inventor	Khosro Shamsaifar
				Group Art Unit	
				Examiner Name	Justin P. Bettendorf Primary Examiner
Sheet	2	of	3	Attorney Docket Number	PARA 49784 Unit 2817

 31046 U.S. PTO
 10/05/1144
 01/17/02

U.S. PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
JS		5,693,429		Sengupta et al.	12-02-1997	
		5,719,539		Ishizaki et al.	02-17-1998	
		5,739,735		Pyykkö et al.	04-14-1998	
		5,766,697		Sengupta et al.	06-16-1998	
		5,830,591		Sengupta et al.	11-03-1998	
		5,846,893		Sengupta et al.	12-08-1998	
		5,896,073		Miyazaki et al.	04-20-1999	
		6,074,971		Chiu et al.	06-13-2000	
		6,111,482		Atokawa	08-29-2000	
		Application No. 09/419,126		Sengupta et al.	Filed 10-15-1999	
JS		Application No. 09/457,943		Sengupta et al.	Filed 12-09-1999	

FOREIGN PATENT DOCUMENTS								
Examiner Initials [*]	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	3-7-03
--------------------	--	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

+ Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box



Approved for use through 10/31/99. OMB 0651-0031

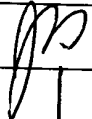
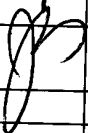
PTO/SB/08A (10-96)

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE +

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	
				Filing Date	
				First Named Inventor	Khosro Shamsaifar
				Group Art Unit	Justin P. Bettendorf Primary Examiner Art Unit 2817
				Examiner Name	
Sheet	3	of	3	Attorney Docket Number	PARA 49784

31046 U.S. PTO
 10/05/144
 01/17/02

U.S. PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		Application No. 09/594,837		Chiu	Filed 06-15-2000	
		Application No. 09/768,690		Sengupta et al.	Filed 01-24-2001	
		Application No. 09/834,327		Chang et al.	Filed 04-13-2001	
		Application No. 09/882,605		Sengupta	Filed 06-15-2001	
		Application No. 10/013,265		Shamsaifar et al.	Filed 12-10-2001	
		Application No. 60/295,046		Luna et al.	Filed 06-01-2001	
						

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	3-7-03
--------------------	--	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

+ Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.